2017 CERTIFICATION PM 2: 18

Consumer Confidence Report (CCR)

City of Calhoun City W	later Dept.
Public Water Syste	m Name
0070004	Sustains included in this OCD
List PWS ID #s for all Community Water	
The Federal Safe Drinking Water Act (SDWA) requires each Commu a Consumer Confidence Report (CCR) to its customers each year. It must be mailed or delivered to the customers, published in a newspa request. Make sure you follow the proper procedures when distribut mail, a copy of the CCR and Certification to the MSDH. Please of	Depending on the population served by the PWS, this CCR per of local circulation, or provided to the customers upon ing the CCR. You must email, fax (but not preferred) or
Customers were informed of availability of CCR by: (Atta	ach copy of publication, water bill or other)
Advertisement in local paper (Attach	copy of advertisement)
I On water bills (Attach copy of bill)	
☐ Email message (Email the message i	o the address below)
□ Other (Newspaper)	con water bells
Date(s) customers were informed: 5/9/2018	6 / 1 /2018 / /2018
CCR was distributed by U.S. Postal Service or other methods used	direct delivery. Must specify other direct delivery
Date Mailed/Distributed: / /	
CCR was distributed by Email (Email MSDH a copy)	Date Emailed: / / 2018
□ As a URL	(Provide Direct URL)
☐ As an attachment	
☐ As text within the body of the email:	message
CCR was published in local newspaper. (Attach copy of)	published CCR or proof of publication)
Name of Newspaper: Colhoun Co. Jours	val
Date Published: 5/9/18 CCR was posted in public places. (Attach list of location)	city Hall Date Posted: 5/9/2018
CCR was posted on a publicly accessible internet site at t	he following address:
	(Provide Direct URL)
CERTIFICATION I hereby certify that the CCR has been distributed to the customers of above and that I used distribution methods allowed by the SDWA. I full and correct and is consistent with the water quality monitoring data provof Health Bureau of Public Water Supply	orther certify that the information included in this CCR is true
Name/Title (President, Mayor, Owner, etc.)	Date
Submission options (Select	one method ONLY)
Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Lackson, MS 30215	Email: water.reports@msdh.ms.gov Fax: (601) 576 - 7800 **Not a preferred method due to poor clarity**

CCR Deadline to MSDH & Customers by July 1, 2018!

2017 Annual Drinking Water Quality Report Calhoun City Water Department PWS#: 0070004 April 2018

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Gordo Formation Aquifer.

If you have any questions about this report or concerning your water utility, please contact Joseph Shane Cook at 662.983,8744. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of each month at 6:30 PM at the Calhoun City- City Hall.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Calhoun City Water Department have received lower to moderate susceptibility rankings to contamination.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st, 2017. In cases where monitoring wasn't required in 2017, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) — The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

				TEST R	ESULT	rs		
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contar	ninants						· · · · · · · · · · · · · · · · · · ·
8. Arsenic	N	2015*	2.4	1.4 – 2.4	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2015*	.1585	.15211585	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natura deposits
13. Chromium	N	2015*	4.6	4.2 - 4.6	ррь	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/17	.7	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

16. Fluoride**	N	2015*	.295	.25- 2.95	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2015/17	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2017	.15	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
20. Nitrite (as Nitrogen)	N	2017	.11	No Range	ррm	1		Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
21. Selenium	N	2015*	5.6	No Range	ppb	50		Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfection	on By-	-Product	S					
Chlorine	N	2017	.7	.59	Mg/I	0	MDRL = 4	Water additive used to control microbes

^{*} Most recent sample. No sample required for 2017.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the City of Calhoun City is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride samples results were within the optimal ranger of 0.6 – 1.3 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6 – 1.3 ppm was 96%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Calhoun City Water Department works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Please note: this report will not be mailed to the customers individually, however, a copy may be requested from Calhoun City - City Hall.

^{**} Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.3 mg/l.

Proof Of Publication

STATE OF MISSISSIPPI, COUNTY OF CALHOUN

Personally came before me, the undersigned, a Notary Public, in and for Calhoun County, Mississippi, Joel McNeece, Publisher of The Calhoun County Journal, a newspaper published in Bruce, Calhoun County, in said state, who being duly sworn, deposes and says that The Calhoun County Journal is a newspaper as defined and prescribed in Senate Bill No. 203 enacted at the regular session of the Mississippi Legislature of 1948, amending Section 1858 of the Mississippi Code of 1942, and the publication of a notice, of which annexed copy, in the matter of

CALHOUN CITY PUBLISHING WATER QUALITY REPORT

has been made in said newspaper one time, towit:

On the 09 day of MAY 2018

Joel McNeece Publisher

Sworn to and subscribed before me, this 09 day

DI MAY 2018.

Lisa Denley McNeece,

Notary Public

My commission expires March 28, 2022



Town of Calhoun City Water Quality Report

2017 Annual Drinking Water Quality Report Callinum City Water Department PWS4: 0070004

We're pleased to precent to you this year's Annual Coulty Water Report. The secon is designed to inform you should be qualify walfer and another are deliver to you consty day. Our constant goal is to prompt you with a size and depost-days supplyed aboving within a way of designated the afform we make to confidently linguish to waite pleasment stresses and protect our water resources. We are committed to

If you have any questions about this report or consciering your water using, pibese contact Joseph Shane Cook at 662,983,8744. We want our valued customers to be informed about their waver using: If you want to learn more, private stand any of our regularly scheduled treatings and the property of the pilot of the pi

The seurce water accessment has been completed for our public notes system to determine the development associately of its distillative water supply to identified potential counters of containments. A report containing related information on from the succeptibility determination water made has goed intensited to our podic variety registers and it is waitable for variety open respect. The west for the Calmoun City Water

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In this labbe you will find many terms and ribbrariations you might not be familiar with. To help you better understand these farms write provided the following confidence:

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Marks are Relatives Described and Level Good (MHDLD) — The level of a drawing water districted below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of this use of dehilectants to control microbial contaminants.

Parts per misson (ppm) or Misigrams per liker (mg/l) - one part per trition corresponds to one minute in two years or a single penny in \$10,000

				TESTR		1000000		
Consument	Violation	Collected	Deserved Deserved	Range of Octoors or a or Samples Exceeding MCUACL	Aleasure Angrd	WCFO	MCI.	Likely Source of Contamination
Inorganic	Conta	minante				NAMES OF THE STATE		
I Arresk	l H	2016*	2.4	1.4-24	pob	Ma	50	Erosion of natural deposes, remult from anotherds; runoff from glass and alectronics production wastes
10 Burn	*	2015	1565	1821 - 1985	pen	•		Discharge of drawing works, discharge from market relination, crusion of natural deposits.
13 Chromum		2016*	4.0	42-40	Dipp	100	100	Discharge from steel and purp mots expelors of negotal personals
14 Copper		2015/17	7	0	ppm	13	ALA13	Compaint of household purching systems; ended not natural deposits, leading from expenses valves
	****		****	26-295	Lean		21	Eventor of value deposits, water
is Public."	i	3916	250	75- 24b	(IO)			additive which promotes strong teath; deutletge from fentilities and norminum factories
17 Lead	N	2015/17	•	ò	000	0	AL-15	Corresion of household plumbing systems, exessor of nativital Organita.
19 httrate (4% Nuogon)	×	1017	10	No flange	ppoli	16	10	Runult from furniturer use; leaching from 6500 tents, acrospe; arceinn of natura deposits
20. Note (As Maccen)	N	2013	AL	No Placge	pem	T.	81	Rumoti from fertilizer user, leaching from sectic tanks, sewage, erosion of natural decosits
100000000000000000000000000000000000000	A Commission		Annual Committee					A STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.

Most recent margin. No transple regained for 2017. Flavoreds final is satisfied a diested to the MA Socie Dept of Health's residence adult level of 0.0 - 1,3 mgA

We are required to mankler your distribing water for specific contaminants on a monthly basis. Results of regular midnifung are an indirector of whether or not one distribution water meets basis standards. In an effort to ensure a systems complete all monitoring requirements, MSDN now recipies systems or lay miss lay sarrigular prints to the ord of the contributions period.

If present, develod levels of lead can chare software hearth problems, especially for integrate women and young distinct in call in disking water a promiser international and comproposes association with early finance and former planting. Our water explains a response to promiser a promiser international production of the providing development. Not cannot control the variety of under the planting compromers. Writen your water has been alting for control, the cannot be not relevant to the potential to be developed to provide a because by knowing your level or seconds. If you discuss the potential to be developed to provide a because by knowing your level or seconds. If you discuss the potential to be developed to provide a provide provide and the developed of the potential to be developed to provide a provide provide and the provide an

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The Calsoun City Water Doppments works around the clock to provide top quality water to every top. We say that at our distorment historical for water country, which are the heart of our contracting our way of life and our distorment fourse.

Please note this record will not be mailed to the customers individually, however, a copy may be requisited from Calinum City - City Her

NETURN THIS STUB (ATTACAMENT) TO

CALHOUN CITY WATER DEPARTMENT P.O. BOX E CALHOUN CITY, MS 38916

PHONE THE SECULE
PHONE US POSTAGE
HAS THE SECULE
CONTROL OF THE SECULE
PHONE THE SECULE

PAY NET AMOUNT ON OR BEFORE DUE DATE	OUE DATE 06/15/2018	PAY GROSS AMOUNT AFTER 5:00 P.M. ON DUE DATE
NET AMOUNT	SAVE THIS	GROSS AMOUNT
43,94	6,59	50.53

RETURN SERVICE REQUESTED

CCR REPORT AVAILABLE-CITY HALL

WTR 19.80 SWR 9.14 GRB 15.00 NET DUE >>> 43.94

50.53

GROSS DUE >>

040654500 QUAY WOLFE

105 HILL ST CALHOUN CITY MS 38916-7719

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